

This report aims to provide the current situation on infectious and emerging diseases in the ASEAN Region. We collate various information from multiple official sources and publicly available sources and is published every week on Wednesday. For feedback and/or suggestions, please write to support@biodiaspora.org

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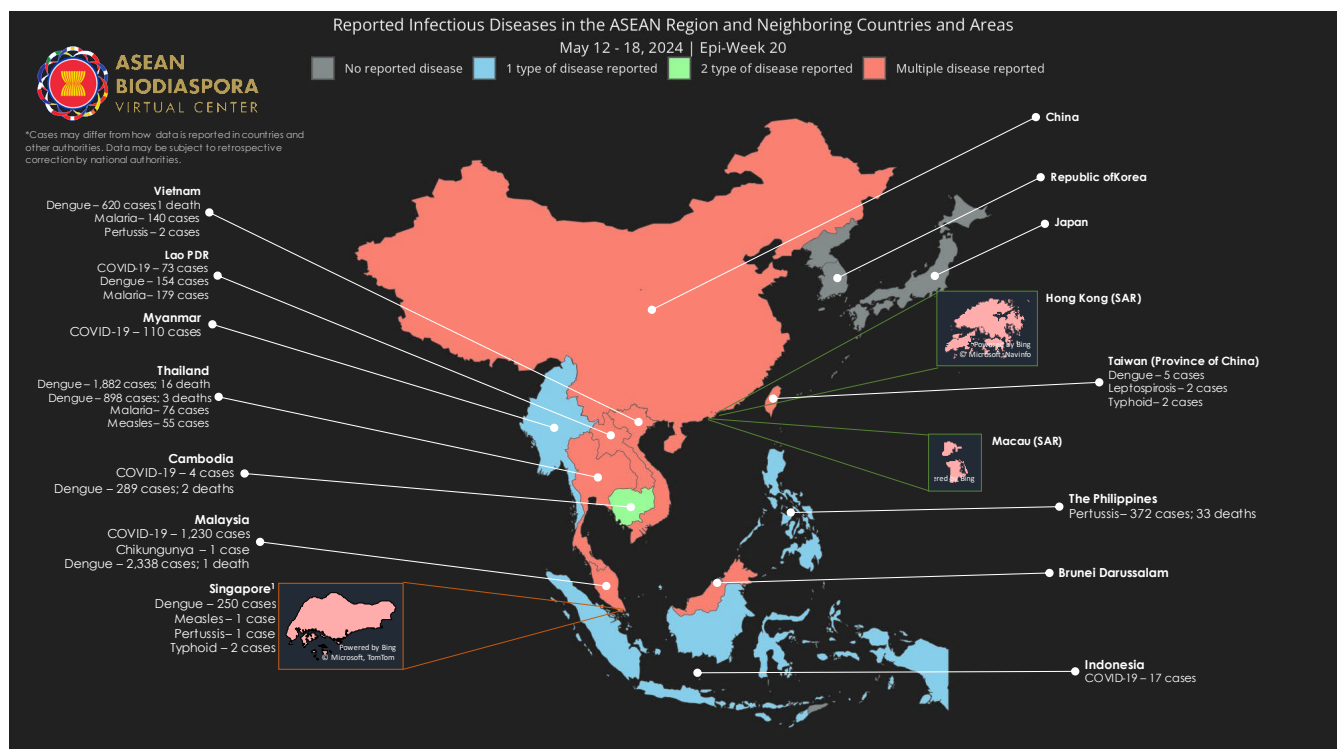
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Key Findings

- The trend of COVID-19 is decreasing significantly both in global and in the ASEAN region. However, several ASEAN Member States (AMS) still report few cases of COVID-19.
- Based on GISAID data, there is new sub-variant of COVID-19 namely “KP” has been found in several AMS. However, the **JN.1**, which is subtypes of **BA.2.86**, remains a dominant variant of interest spreading in the ASEAN region until the last report.

Reported Infectious Diseases in the ASEAN Region and Neighboring Countries

Epidemiological Week 20 | May 12 – 18, 2024



Source: AMS Official Sources, [Worldometer](#), [WHO](#), [Our World in Data](#), and [Bluedot Platform](#), accessed on May 21, 2024

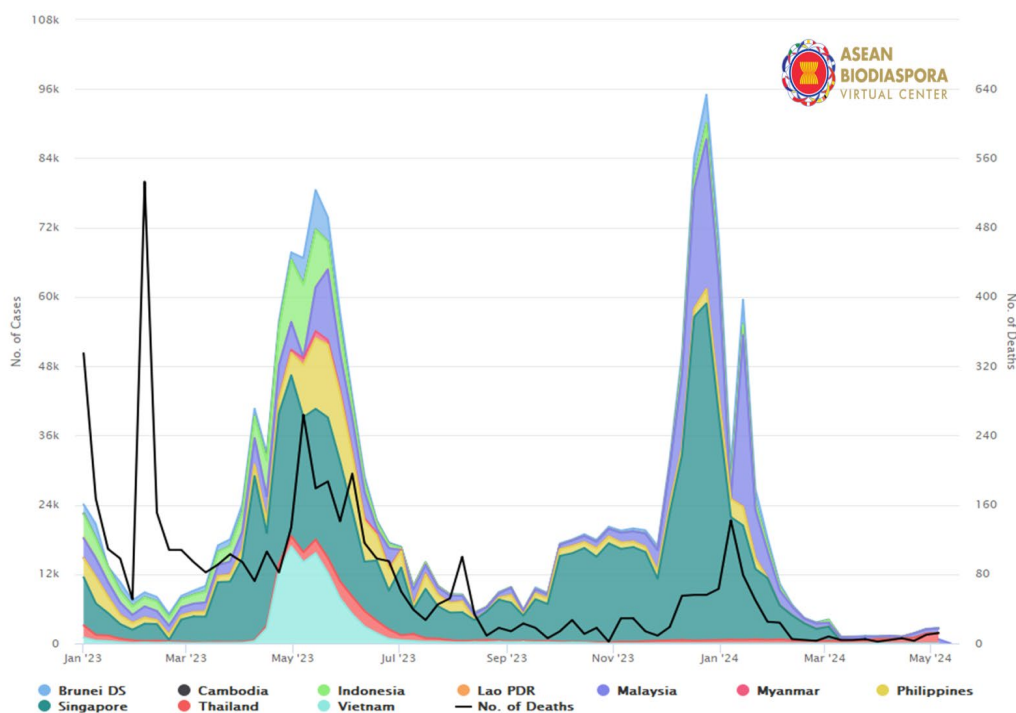
EMERGING DISEASES

COVID-19: Highlights and Situation Overview

- As of 18 May 2024 (5PM, GMT+7), there were **704,764,456** confirmed cases **worldwide**, including **7,010,724** deaths. Globally, Case Fatality Rate (CFR) was **1.00%**.
- 37,008,868** total confirmed cases of COVID-19 have been reported in the **ASEAN Region**.
- The CFR in the **ASEAN Region** was **1.00%**.

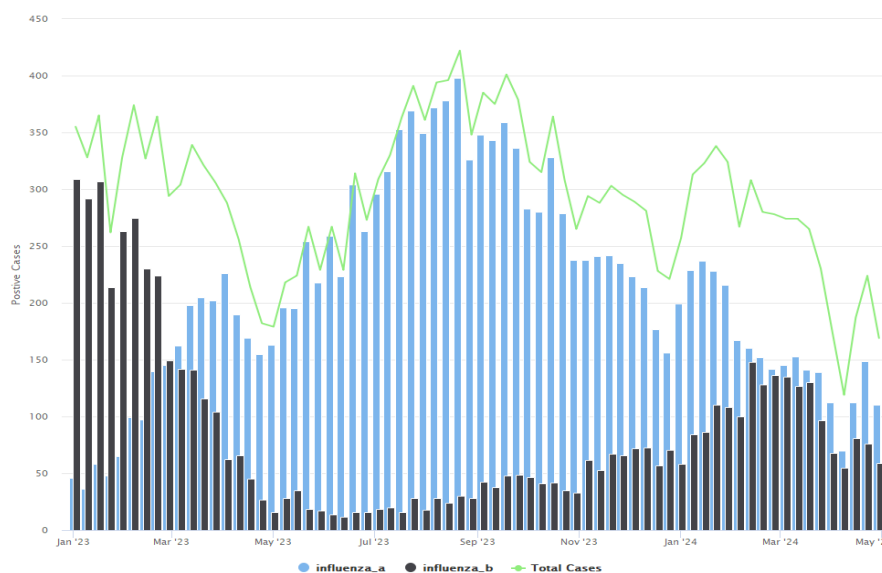
ASEAN Weekly COVID-19 Cases and Deaths

From January 1 to May 18, 2024



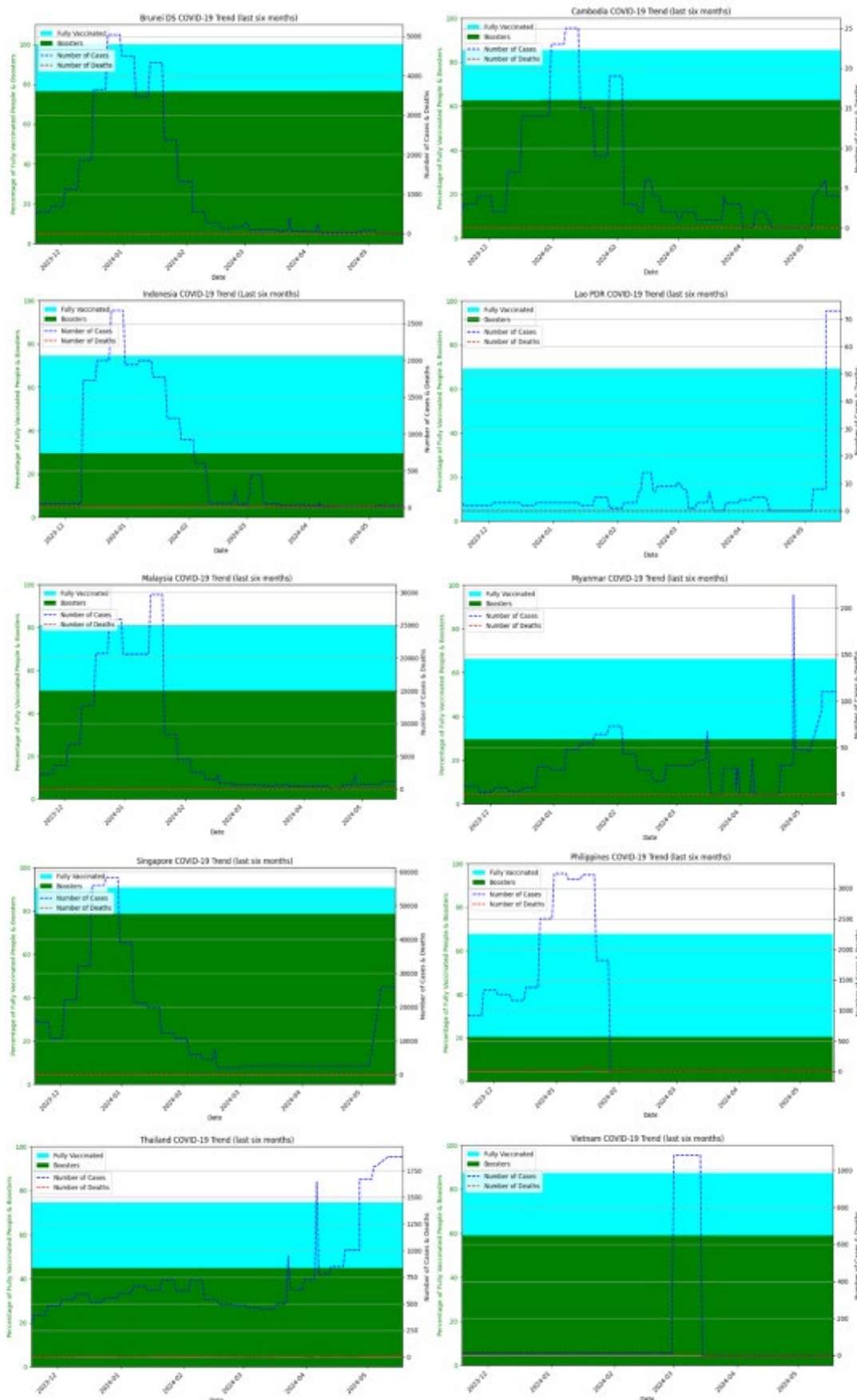
Trends of Influenza Confirmed Cases in the ASEAN region

From January 1 to May 18, 2024



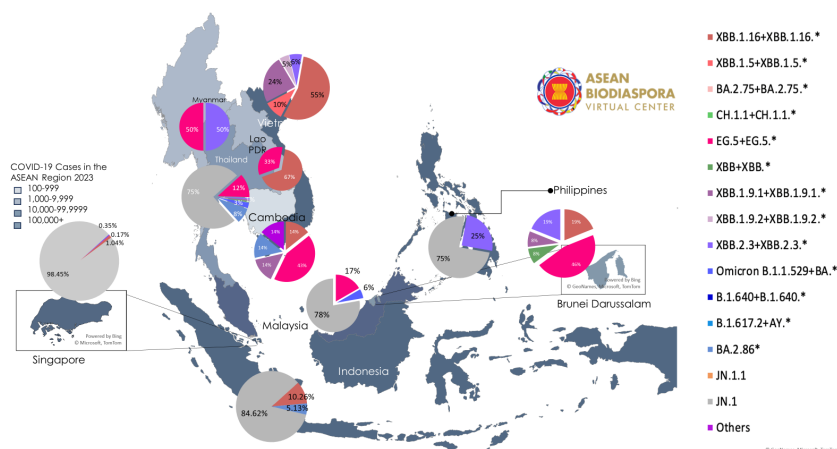
Trends of COVID-19 Cases, Deaths, and Vaccine Coverage among AMS

From October 13, 2023 to May 18, 2024



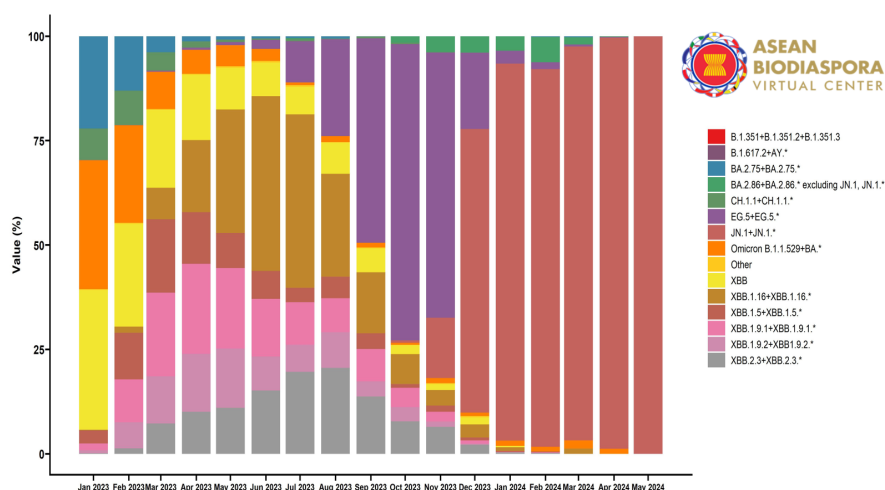
Source: AMS Official Sources, [Worldometer](#), [Our World In Data](#), and [WHO](#), accessed on May 21, 2024

COVID-19 Variants Frequencies Among the ASEAN Member States In May 2024



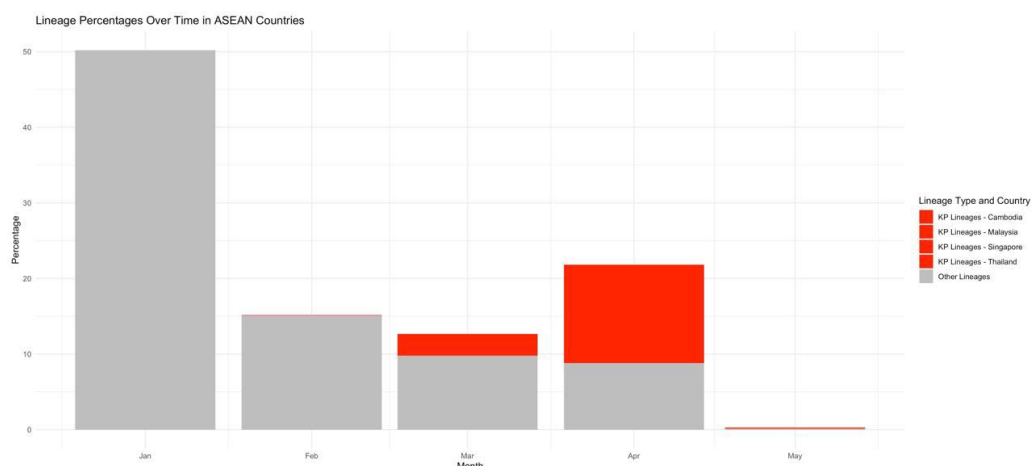
Source: GISAIID. "hCoV-19 Variants Dashboard," accessed on May 21, 2024 (<https://gisaid.org/hcov-19-variants-dashboard/>)

COVID-19 Variants Frequencies in the ASEAN Region From January 2023 to May 2024



Source: GISAIID. "hCoV-19 Variants Dashboard," accessed on May 21, 2024 (<https://gisaid.org/hcov-19-variants-dashboard/>)

COVID-19 "KP" Variant detected in the ASEAN region

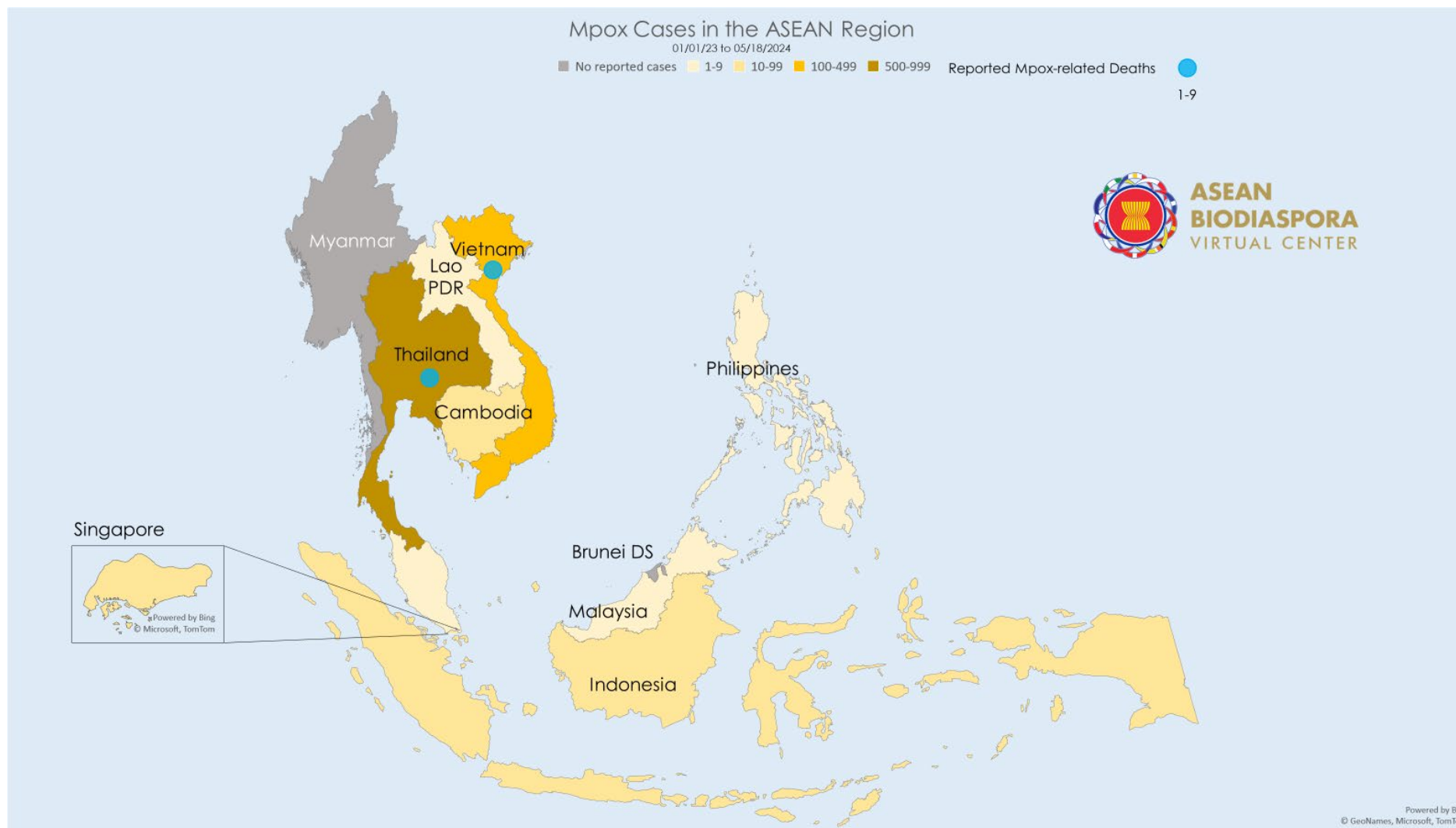


Source: GISAIID. "hCoV-19 Variants Dashboard," accessed on May 21, 2024 (<https://gisaid.org/hcov-19-variants-dashboard/>)



Mpox Cases Reported in the ASEAN Region

January 1, 2023 – May 18, 2024



Source:

1. Ministry of Health Republic of Indonesia
2. Bluedot Platform, accessed on May 21, 2024 (<https://portal.bluedot.global/>)
3. Ministry of Health Singapore, accessed May 21, 2024 (<https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulletin>)

Mpox: Highlights and Situation Overview

- From 1 January 2023 to 18 May 2024, **12,224** confirmed cases worldwide since 2023, including **126** deaths. Globally, the CFR was **1.03%**.
- 1071 confirmed cases** including **nine deaths** in the **ASEAN** region, with a CFR of **0.84%**.
- 11,153 confirmed cases** of mpox have been reported in **other regions** (other than the **ASEAN** region):

Mpox cases in the ASEAN region (Jan. 1, 2023 to May 18, 2024)

ASEAN Member States	Cumulative Cases 2023-2024	New Cases Since Previous Report	Cumulative Deaths 2023	CFR
Cambodia ¹	13	0	0	0.00%
Indonesia ²	87	0	0	0.00%
Lao PDR ¹	1	0	0	0.00%
Malaysia ¹	9	0	0	0.00%
Philippines ¹	5	0	0	0.00%
Singapore ³	40	0	0	0.00%
Thailand ¹	749	0	1	0.13%
Vietnam ¹	167	0	8	4.79%
ASEAN Total	1071	0	9	0.84%

Source:

1. Bluedot Platform, accessed on May 21, 2024 (<https://portal.bluedot.global/>)
2. Ministry of Health Republic of Indonesia
3. Ministry of Health Singapore, accessed on May 21, 2024, (<https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulletin>)

Top 5 countries with the most mpox cases globally (Jan. 1, 2023 to May 18, 2024)

Country	Cumulative Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
United States of America	2,301	0	38	1.65%
People's Republic of China	2,030	0	1	0.05%
Democratic Republic of Congo	1,502	0	2	0.13%
Thailand	749	0	1	0.13%
Spain	464	0	0	0.00%

Source: Our World in Data, accessed on May 21, 2024 (<https://ourworldindata.org/monkeypox>)

Mpox cases per region (Jan. 1, 2023 to May 18, 2024)

REGIONS	CUMULATIVE CASES	NEW CASES SINCE THE PREVIOUS REPORT	CUMULATIVE DEATHS	CFR
AFRICA	1,723	0	8	0.46%
AMERICAS	4,425	0	87	1.97%
ASEAN	1,071	0	9	0.84%
ASIA & OCEANIA	3,562	0	17	0.48%
EUROPE	1,443	0	5	0.35%
TOTAL	12,224	0	126	1.03%

Source: Our World in Data, accessed on May 21, 2024 (<https://ourworldindata.org/monkeypox>)

Media Monitoring for Emerging Diseases

Epidemiological Week 20 | May 12 – 18, 2024

Global Situation for Emerging Diseases

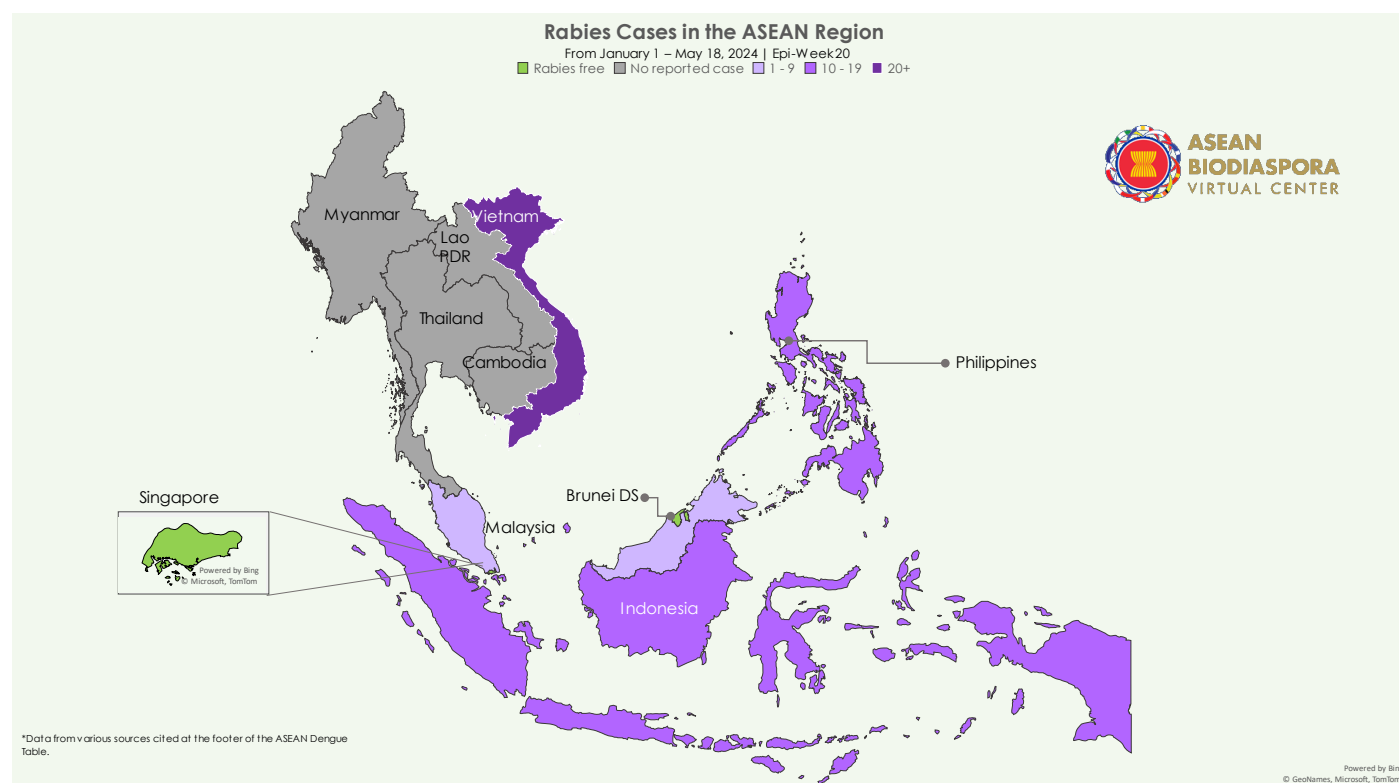
COVID-19

- **Bangladesh** reported 13 more COVID-19 cases in the last 24 hours, with 308 samples tested, a 4.22% positivity rate (The Daily Observer, 2024). The country's total fatalities remained at 29,494 and coronavirus cases reached 2,050,156. [\[Full article\]](#)
- **India:** Maharashtra has reported 91 instances of the new COVID-19 Omicron subvariant KP.2, surpassing the dominant JN.1 variant (Longkumer & Desk, 2024). The strain, which is the dominant variant in the US, has been identified in several countries, including Pune, Thane, Amravati, Aurangabad, Solapur, Ahmednagar, Nashik, Latur, and Sangli. Despite a slight increase in cases in March, there hasn't been a corresponding increase in hospitalizations or severe cases. [\[Full article\]](#)
- **New Zealand:** New COVID-19 cases have been reported in New Zealand, with 3,922 reported in the past week and 13 deaths (News, 2024). The seven-day rolling average of cases increased to 477, with 2,470 reinfections. Canterbury recorded the highest number of new cases, followed by Waitematā, Manukau, Auckland, and Capital and Coast. [\[Full article\]](#)
- **South Australia (SA)** reported 1,528 new COVID-19 cases and 27 deaths in the past week, with 4,781 people receiving a PCR test (Mirage News, 2024). Rapid Antigen Tests are available for low-risk individuals with symptoms, and PCR testing is not required for confirmation. SA Health advises vaccination up-datedness and GP plans for PCR testing and antiviral treatments for vulnerable individuals. [\[Full article\]](#)
- **United Kingdom (UK):** COVID-19 cases in the UK have risen for the fourth week in a row due to the spread of highly contagious FLiRT variants (Bawden, 2024). The latest data shows that positivity rates from the virus via the UK Health Security Agency's (UKHSA) surveillance system increased to 9.8% in a week, compared to 8.2% in the previous week. However, the increase is less than the 26% rise seen a week earlier, suggesting the surge may soon peak. The FLiRT variants, KP.2 and KP.3, have reached 67% of UK COVID cases and involve two key mutations from the JN.1 virus, making them more easily spreadable. Despite the rise in cases, COVID-19 hospitalizations remain stable at 3.13 per 100,000. [\[Full article\]](#)

ZOONOSIS

Rabies Cases in the ASEAN Region

From January 1 to May 18, 2024 (Epi-Week 20)



Rabies cases in the ASEAN region

Country	Epi-Week Reported	Cumulative Rabies Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
Brunei Darussalam		Rabies-free country			
Cambodia	-	-	-	-	-
Indonesia ¹	Week 18	30	0	30	100%
Lao PDR	-	-	-	-	-
Malaysia ²	Week 4	3	0	3	100%
Myanmar	-	-	-	-	-
Philippines ²	Week 14	89	0	89	100%
Singapore		Rabies-free country			
Thailand ³	Week 17	1	0	1	100%
Vietnam ²	Week 14	29	0	29	100%
Total		152	0	152	100%

1. Ministry of Health, Republic of Indonesia
2. Bluedot Platform, accessed May 21, 2024 (<https://portal.bluedot.global/>)
3. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed May 21, 2024 (<http://doe.moph.go.th/surdata/index.php>)

- The **ASEAN** region reported **NO** new rabies cases since the previous report. The region reported **152** total cases with **100%** CFR.

Media Monitoring for Zoonosis

Epidemiological Week 20 | May 12 – 18, 2024

Global Situation for Zoonosis

Anthrax

- **Kyrgyzstan:** Anthrax has been detected in Kyrgyzstan, with an infected woman being treated in a city hospital (Herriman, 2024). The infection was registered on May 9, and the woman was sent from the Jalal-Abad region. The disease is caused by *Bacillus anthracis*, a rod-shaped bacteria found naturally in soil and affecting domestic and wild animals. It is rare but can be contracted through contact with infected animals or contaminated animal products. 95% of cases are cutaneous. [\[Full article\]](#)

Rabies

- **India:** A surge in dog bite cases in Itanagar has raised concerns about rabies, with 117 reported in just a week (Digital Desk, 2024). The Itanagar Capital Region Deputy Commissioner has issued a notice to pet owners, urging them to vaccinate their dogs and confine aggressive animals within 15 days. The district administration has requested collaboration with Arunachal Dog and Cat Rescue Organization, Lekhi, and further preventive actions. [\[Full article\]](#)

Regional Situation for Zoonosis

Rabies

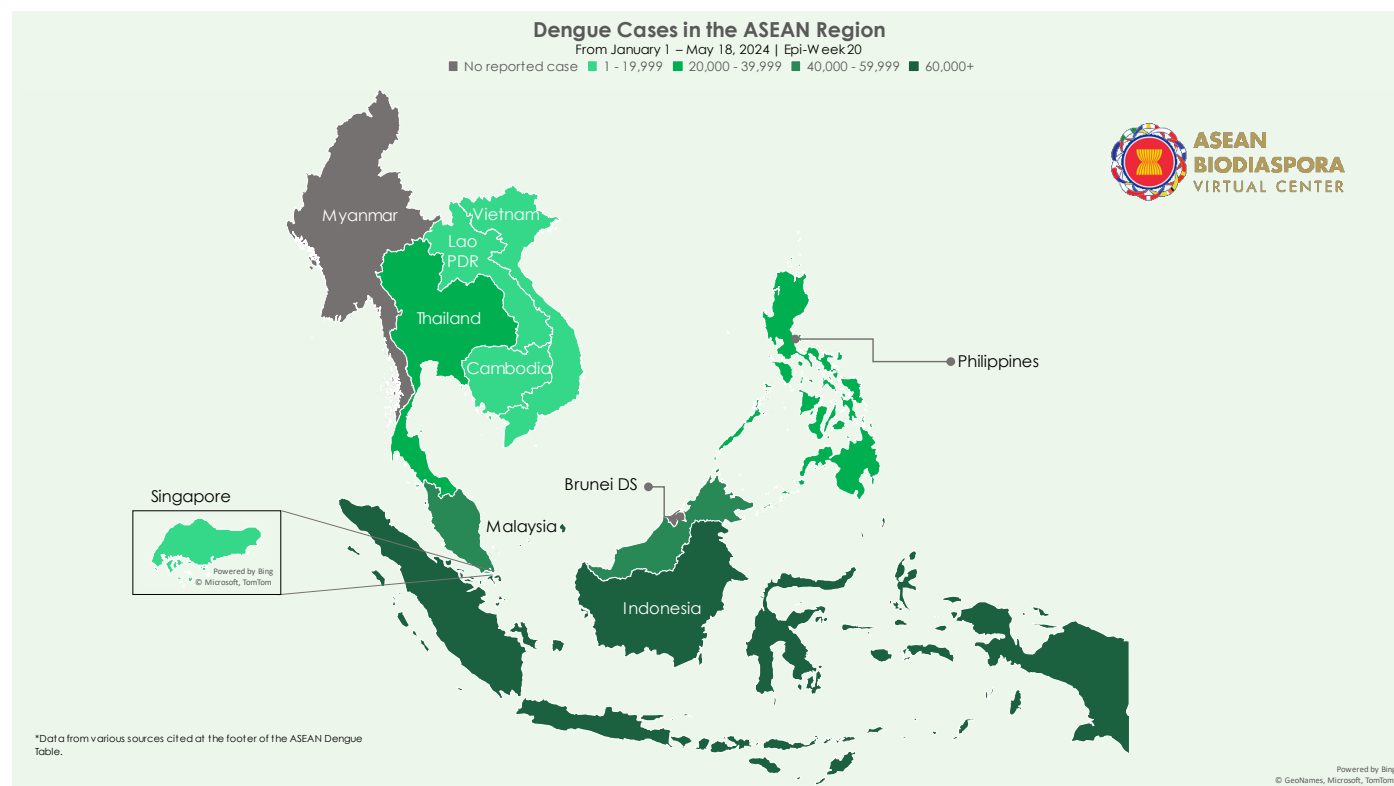
- **Indonesia:** From January to April 2024, 1,561 residents in West Kalimantan were bitten by animals that transmit rabies, with four cases of death (Elgiants, 2024). The West Kalimantan Provincial Health Office has handled 1,414 cases of anti-rabies vaccines. Head of the West Kalimantan Provincial Health Office, urged people to report cases of rabies bites to the government or health services to receive immediate treatment. Early treatment for animals that transmit rabies bites involves washing the bite marks in running water for 15 minutes, reporting the incident to a Community Health Center, and coordinating further treatment according to management procedures. [\[Full article\]](#)

Another case reported in Sikka, East Nusa Tenggara, Two residents have been bitten by dogs infected with rabies (Bria, 2024). The two victims have not yet received the anti-rabies vaccine due to the temporary empty stock in the area. The victims are currently not showing symptoms but have been taken to Larantuka, East Flores District to receive the vaccine. The newly received stock of rabies vaccines amounts to 10,700 doses, compared to the previous 2,500 doses imported from Ngada District. The number of rabid dog bites in Sikka District reached 905 people from January to mid-April 2024, with four of them dying. [\[Full article\]](#)

VECTOR-BORNE DISEASES

Dengue Cases in the ASEAN Region

From January 1 to May 18, 2024 (Epi-Week 20)



Dengue cases in the ASEAN region

Country	Epi-Week Reported	Cumulative Dengue Cases	New Cases Since the Previous Report	Cumulative Deaths	New Deaths	CFR
Brunei Darussalam	-	-	-	-	-	-
Cambodia¹	Week 17	5,351	289	19	2	0.36%
Indonesia^{2*}	Week 17	88,593	-	621	-	0.70%
Lao PDR¹	Week 18	2,556	154	0	0	0.00%
Malaysia³	Week 19	57,220	2,338	40	1	0.07%
Myanmar	-	-	-	-	-	-
Philippines⁴	Week 11	21,069	-	67	-	0.32%
Singapore^{5**}	Week 19	7,141	327	0	0	0.00%
Thailand^{6***}	Week 18	29,536	898	32	3	0.11%
Vietnam¹	Week 19	18,800	620	2	1	0.01%
Total		230,266	4,626	781	7	0.34%

1. WHO WPRO, "Dengue," World Health Organization, accessed May 21, 2024 (<https://www.who.int/westpacific/emergencies/surveillance/dengue>).

2. Ministry of Health, Republic of Indonesia

3. Disease Control Division, Ministry of Health Malaysia, accessed May 21, 2024, https://www.moh.gov.my/index.php/database_stores/store_view/17

4. BlueDot Developer Portal, accessed May 21, 2024, <https://developer-portal.bluedot.global/>.

5. Ministry of Health, "Weekly Infectious Disease Bulletin", accessed May 21, 2024, <https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2024/weekly-infectious-diseases-bulletin>

6. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed May 21, 2024, <http://doe.moph.go.th/surdata/index.php>

*Data were updated and collected from official sources, which may have a 2-8 weeks delay in reporting. Data must be interpreted cautiously.

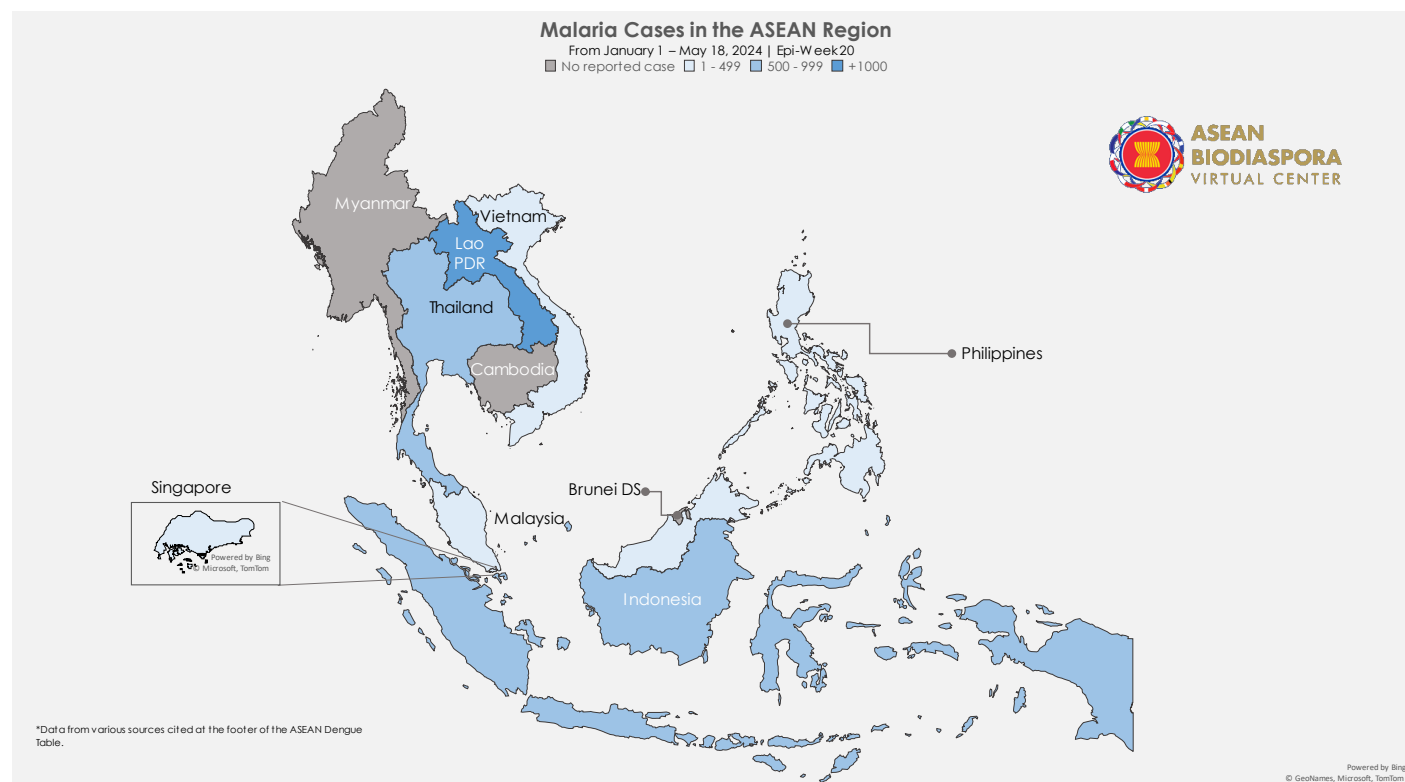
**Notified dengue cases only includes severe cases Dengue Hemorrhagic fever (DHF) and Dengue Shock Syndrome (DSS)

***Notified dengue cases include all type of cases DF, DHF, and DSS

- The **ASEAN** region reported **4,626** new dengue cases since the previous report. The region reported **230,266** total cases with **0.34%** CFR.

Malaria Cases in the ASEAN Region

From January 1 to May 18, 2024 (Epi-Week 20)



Malaria cases in the ASEAN region

Country	Epi-Week Reported	Cumulative Malaria Cases	New Cases Since the Previous Report	Cumulative Deaths	CFR
Brunei Darussalam	-	-	-	-	-
Cambodia	-	-	-	-	-
Indonesia ¹	Week 14	754	0	7	0.93%
Lao PDR ²	Week 20	3,158	179	3	0.09%
Malaysia ¹	Week 10	2	0	0	0.00%
Myanmar ¹	-	-	-	-	-
Philippines ¹	Week 6	2	0	0	0.00%
Singapore ³	Week 19	7	0	0	0.00%
Thailand ⁴	Week 18	898	76	0	0.00%
Vietnam ¹	Week 20	141	140	0	0.00%
Total		4,962	395	10	0.20%

1. Bluedot Platform, accessed May 21, 2024 (<https://portal.bluedot.global/>)
2. Centre of Information and Education for Health, Ministry of Health Lao PDR, accessed May 21, 2024 (<https://www.facebook.com/CCEH.MoH.Lao/>)
3. Ministry of Health Singapore, accessed May 21, 2024 (<https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulletin>)
4. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed May 21, 2024 (<http://doe.moph.go.th/surdata/index.php>)

- The **ASEAN** region reported **395** new malaria cases since the previous report. The region reported **4,962** total cases with **0.20%** CFR.

Media Monitoring for Vector-borne Diseases

Epidemiological Week 20 | May 12 – 18, 2024

Global Situation for Vector-borne Diseases

Dengue

- **Bangladesh:** Dengue cases in Bangladesh have reached 2,524 since January 1, 2024, with 1,705 deaths in the deadliest year on record (UBN News, 2024). Ten patients were admitted to Dhaka city hospitals, while 138 are currently receiving treatment. September was the deadliest month, with 396 fatalities and 79,598 cases. [\[Full article\]](#)
- **France** identified 98 imported cases in mainland France since May 1, 2024. The virus, transmitted by tiger mosquitoes, is increasing significantly (Trébert, 2024). The origin of these cases is unclear, with 46 returning from Martinique, 28 from Guadeloupe, six from Mauritius, or even four from Brazil and three from Indonesia. [\[Full article\]](#)
- **India:** Six young children are being treated for dengue fever at Indira Gandhi Memorial Hospital (IMGH), with a record high in daily consultations (Raajje.mv, 2024). Doctor specialist at the hospital, advises patients to be closely monitored within 48 hours of onset and to be extra cautious for at least two days after the fever subsides. [\[Full article\]](#)
- **Nepal:** Nepal's recent rainfall has led to a rise in dengue cases, with 57 districts reporting infection, and over 50 cases reported in a single week (The Kathmandu Post, 2024). Despite the virus's devastating impact, it remains the most neglected virus in the country. [\[Full article\]](#)
- **Italy:** The Higher Institute of Health reported 197 confirmed dengue virus infections from January to May 2024, with no deaths reported (Agenzia Nova, 2024). Most cases were contracted during travel abroad and notified in Italy. The epidemic has been most affected in Brazil and the Maldives. In Q1 2024, the number of confirmed cases increased about 6-fold compared to 2023, consistent with global increases in dengue transmission. Local transmission is rare, but climatic conditions and mosquitoes can cause transmission in some months. Italy is closely monitoring cases and advises travelers to take necessary precautions. [\[Full article\]](#)

Leptospirosis

- **Russia:** A child from a Buryatia farming family has been hospitalized with leptospirosis, suspected to have been infected from cows, rats, or mice (ProMED, 2024). The child's mother is now investigating the cause and the farm owner plans to contact the prosecutor's office. Leptospirosis is an acute infectious disease transmitted from animals. [\[Full article\]](#)

Regional Situation for Vector-borne Diseases

Dengue

- **Indonesia:** The Indonesia Ministry of Health has reported an increase in cases of dengue hemorrhagic fever (DHF) compared to last year. From January to early May 2023, there were 227 cases of DHF, but in 2024, the number increased significantly to 641 cases, a 2.8-fold increase (CNN Indonesia, 2024). The five districts with the highest cases were Bandung, Klaten, Jepara, Subang, and Bekasi City. The highest cases were reported in Bandung City, Tangerang, Bogor, West Bandung, and Kendari City. The Ministry of Health has appealed to the local government to continue educating the public about prevention strategy. Both children and adults have the same risk of contracting DHF, but adults are less likely to develop severe symptoms. [\[Full article\]](#)

In Banyumas, Central Java, from January to mid-May 2024 recorded 580 cases of DHF, with nine deaths (Buana, 2024). This figure has increased significantly compared to 2023, with the highest increase occurring in March and April 2024. The highest number of cases was recorded in April 2024, with only around 270 people expected to be infected in 2023. [\[Full article\]](#)

- **Malaysia:** Dengue fever cases in Malaysia increased to 1,995 during epidemiological week 18 from April 28 to May 4, 2024, compared to 2,237 cases in the previous week (Bernama, 2024). No deaths due to dengue fever complications were reported in epidemiological week 18, and the cumulative number of reported cases is 54,882. The number of hotspot localities in epidemiological week 18 was 70, with 55 in Selangor, six in Kuala Lumpur, and three in Perak. No chikungunya cases were recorded in epidemiological week 18, and all Zika surveillance results were negative. [\[Full article\]](#)

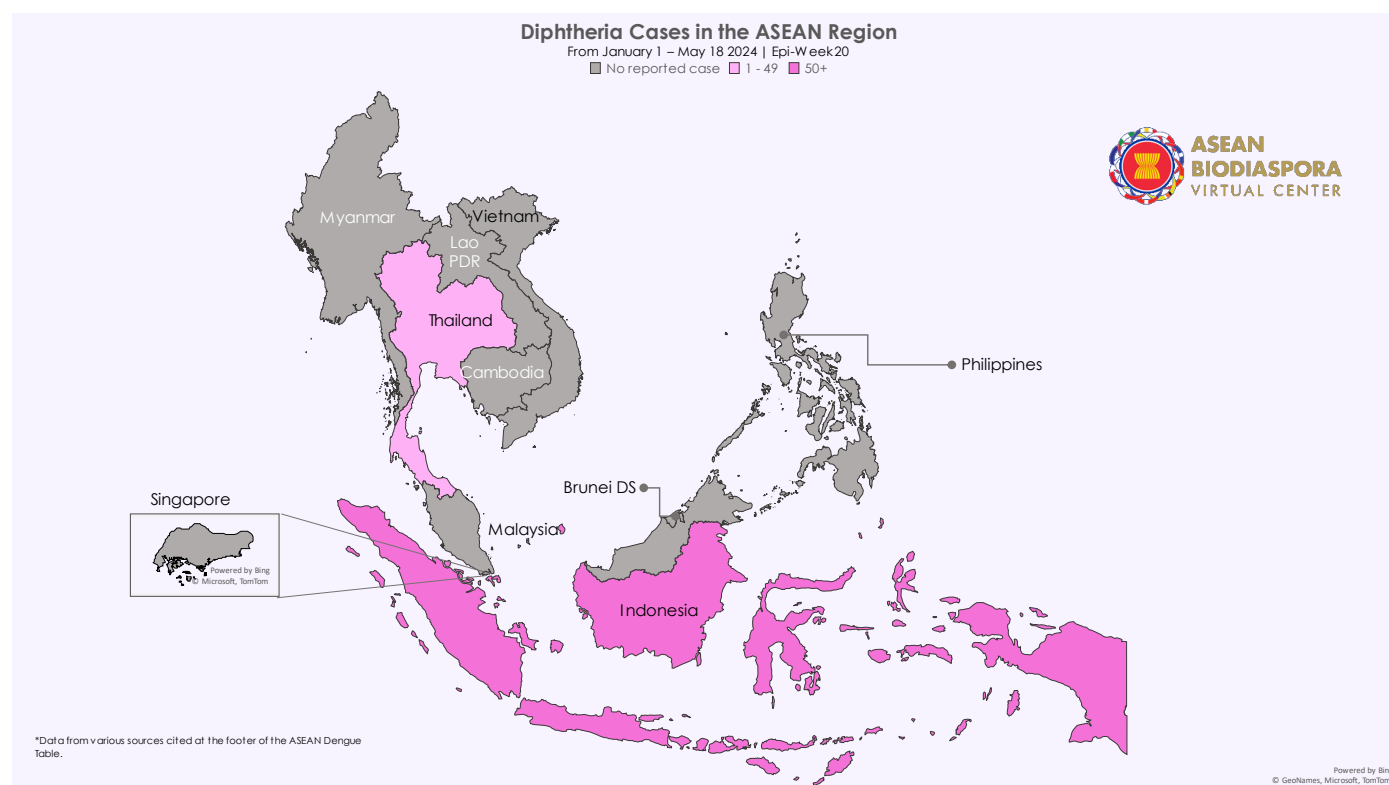
Malaria

- **Vietnam** recorded 141 malaria cases in the first five months of 2024, a 107.4% increase over the same period in 2023 (News, V.N., 2024). The highest number of cases was in Khánh Hòa Province, accounting for 66.7% of the total. Followed by Nghệ An Province with eight cases and Hà Tĩnh Province with seven. [\[Full article\]](#)

VACCINE-PREVENTABLE DISEASES

Diphtheria Cases in the ASEAN Region

From January 1 to May 18, 2024 (Epi-Week 20)



Diphtheria cases in the ASEAN region

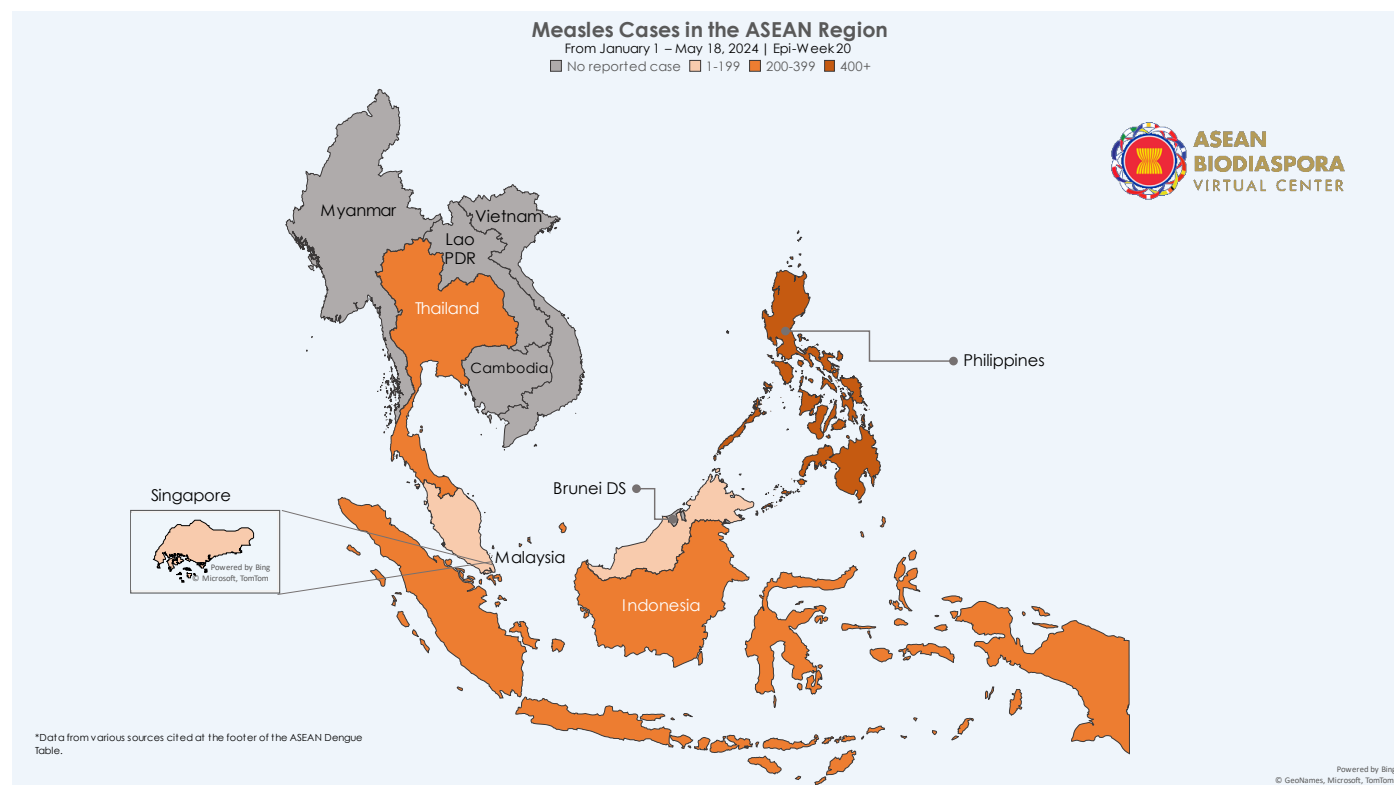
Country	Epi-Week Reported	Cumulative Diphtheria Cases	New Cases Since the Previous Report	Cumulative Deaths	CFR
Brunei Darussalam	-	-	-	-	-
Cambodia	-	-	-	-	-
Indonesia ¹	Week 17	248	0	12	4.84%
Lao PDR	-	-	-	-	-
Malaysia	-	-	-	-	-
Myanmar	-	-	-	-	-
Philippines ²	-	-	-	-	-
Singapore ³	Week 19	0	0	0	0%
Thailand ⁴	Week 18	1	0	1	100%
Vietnam ⁵	-	-	-	-	-
Total		249	0	13	5.22%

1. Ministry of Health, Republic of Indonesia.
2. Department of Health Website, accessed May 21, 2024 "Statistics" (<https://doh.gov.ph/statistics>)
3. Ministry of Health Singapore, accessed May 21, 2024 (<https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulletin>)
4. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed May 21, 2024 (<http://doe.moph.go.th/surdata/index.php>)
5. BlueDot Platform, accessed May 21, 2024 (<https://developer-portal.bluedot.global/>)

- The ASEAN region reported **NO** new diphtheria cases since the previous report. The region reported **249** total cases with **5.22%** CFR.

Measles Cases in the ASEAN Region

From January 1 to May 18, 2024 (Epi-Week 20)



Measles cases in the ASEAN region

Country	Epi-Week Reported	Cumulative Measles Cases	New Cases Since the Previous Report	Cumulative Deaths	CFR
Brunei Darussalam	-	-	-	-	-
Cambodia	-	-	-	-	-
Indonesia ¹	Week 17	504	-	0	0.00%
Lao PDR	-	-	-	-	-
Malaysia ²	Week 11	34	-	0	0.00%
Myanmar	-	-	-	-	-
Philippines ²	Week 15	2,500	-	3	0.12%
Singapore ⁴	Week 19	7	0	0	0.00%
Thailand ⁵	Week 18	752	55	0	0.00%
Vietnam ²	Week 13	42	-	0	0.00%
Total		3,839	55	3	0.08%

1. Ministry of Health, Republic of Indonesia
2. Bluedot Platform, accessed May 21, 2024 (<https://developer-portal.bluedot.global/>)
3. Ministry of Health Singapore, accessed May 21, 2024, (<https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulletin>)
4. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed May 21, 2024 (<http://doe.moph.go.th/surdata/index.php>)

- The **ASEAN** region reported **55** new measles cases since the previous report. The region reported **3,839** total cases with **0.08%** CFR.

Media Monitoring for Vaccine-Preventable Diseases

Epidemiological Week 20 | May 12 – 18, 2024

Global Situation for Vaccine-Preventable Diseases

Measles

- **Canada:** Peel Public Health (PPH) is investigating a confirmed measles case in an adult in Mississauga, Ontario (Casaletto, 2024). The case occurred at Silver Creek Convenience, Health Care Medical Clinic, and Trillium Health Partners Mississauga Site emergency room. Public contacts are being contacted if they have an infant under twelve months, are pregnant, or are immunocompromised. Measles is highly contagious, affecting about 90% of susceptible individuals. [\[Full article\]](#)
- **Pakistan:** A measles outbreak has spread rapidly in Larkana district, causing over 10 children to be shifted to hospital (Chandio, 2024). The affected children from various towns and villages are receiving medical assistance from the hospital. The hospital said that 8 to 10 children are admitted to the hospital on a daily basis. [\[Full article\]](#)
- **South Africa:** The World Health Organization (WHO) reported 39 deaths from measles in South Sudan since January, with a 1.7% case fatality rate (Xinhua, 2024). The agency reported 2,271 suspected cases and 146 lab-confirmed cases. The high discrepancy between suspected and confirmed cases highlights the need for improved sample collection and laboratory testing. The WHO is intensifying case management, surveillance, and risk communication in counties experiencing an epidemic, while eight counties reporting suspected cases have not reached the outbreak threshold. [\[Full article\]](#)
- **United Kingdom (UK):** London has the highest number of measles cases in the UK, with over 74 detected last month (Hooper, S., 2024). The disease is highly contagious, and babies under 12 months are at higher risk. Since October, over 29% of measles cases in England have been in London alone. [\[Full article\]](#)
- **The United States (US):** A 13-month-old boy in El Cajon County has been confirmed as the third measles case in the county this year, following two previous cases (Jenkins, 2024). The situation is growing due to no cases since 2019. Health authorities have identified potential exposure zones and are urging people to check vaccination statuses. [\[Full article\]](#)

Pertussis

- **Germany:** In Baden-Württemberg, whooping cough cases among children up to 14 have significantly increased this year, according to the state Ministry of Health (Spöcker, 2024). Despite a decrease in reportable childhood illnesses during the corona pandemic, the number of cases has risen significantly, with 484 cases reported this year, almost five times the pre-pandemic year. [\[Full article\]](#)
- **The United States (US):** Whooping cough cases are increasing in the Charlotte area and western North Carolina, prompting local Public Health officials to emphasize the importance of vaccination (Neyra, 2024). Since 2024, nine confirmed cases and one suspected case have been reported in Mecklenburg County, with most under 17 years old and not fully vaccinated. [\[Full article\]](#)

Lane County has declared a pertussis outbreak after 40 suspected or confirmed cases of whooping cough (Hansen-White, 2024). The majority of infections are in the greater Eugene Springfield area, with one known case in Junction City. Infants are at the highest risk of life-threatening complications. Lane County Senior Health Officer, urges parents to get their TDAP vaccine and ensure others have it. The disease is more contagious than many other respiratory illnesses and causes a painful, long-lasting cough. There have been 120 cases statewide in Oregon this year, compared to 17 last year. [\[Full article\]](#)

Regional Situation for Vaccine-Preventable Diseases

Pertussis

- **Vietnam:** Northern region localities have reported cases of whooping cough, with two pediatric patients aged 3 and 17 months in Lao Cai Province (Van & Quan, 2024). The children were hospitalized in critical condition with acute respiratory failure and paroxysmal cough. After receiving positive diagnosis, they were treated at the Obstetrics and Gynecology Hospital. The Provincial Center for Disease Control has requested healthcare establishments to strengthen monitoring and implement preventative measures against the disease. [\[Full article\]](#)

Media Monitoring for Other Diseases

Epidemiological Week 20 | May 12 – 18, 2024

Regional Situation for Other Diseases

Tuberculosis

- **Malaysia:** The Minister of Health of Malaysia, has highlighted the serious concern of Tuberculosis (TB) cases in the country (Doksil, 2024). As of May 4, there were 8,856 TB cases, including 1,944 in Sabah. The disease is highly infectious and spreads through the air. Malaysia's Health Minister advised people with symptoms to seek treatment immediately. [[Full article](#)]



Annex 1. Infectious Diseases in the ASEAN Region – Summary Table

Epidemiological Week 20 | From January 1 to May 18, 2024

Infectious Diseases	COVID-19			Mpox			Rabies			Dengue		
	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR
Brunei Darussalam	82,279	77	0.10%	-	-	-	Rabies-free Country			-	-	-
Cambodia	686	0	0%	13	0	0%	-	-	-	5,351	19	0.36%
Indonesia	117,586	1,453	1.26%	87	0	0%	30	30	100%	88,593	621	0.70%
Lao PDR	1,457	87	6.55%	1	0	0%	-	-	-	2,556	0	0%
Malaysia	264,224	493	0.20%	9	0	0%	3	3	100%	57,220	40	0.07%
Myanmar	8,759	5	0.06%	-	-	-	-	-	-	-	-	-
Philippines	141,371	1,467	1.04%	5	0	0%	89	89	100%	21,069	67	0.32%
Singapore	819,481	313	0.04%	40	0	0%	Rabies-free Country			7,141	0	0%
Thailand	61,094	975	2.12%	749	1	0.13%	1	1	0%	29,536	32	0.11%
Vietnam	101,828	20	0.02%	167	8	4.79%	29	29	100%	18,800	2	0.01%
ASEAN Region	1,598,765	4,890	0.32%	1,071	9	0.84%	152	152	100%	230,266	781	0.34%

Infectious Diseases	Malaria			Measles			Diphtheria		
	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR
Brunei Darussalam	-	-	-	-	-	-	-	-	-
Cambodia	-	-	-	-	-	-	-	-	-
Indonesia	754	7	0.93%	504	0	0%	248	12	4.84%
Lao PDR	3,158	3	0.09	-	-	-	-	-	-
Malaysia	2	0	0%	34	0	0%	-	-	-
Myanmar	-	-	-	-	-	-	-	-	-
Philippines	2	0	0%	2,500	3	0.12%	-	-	-
Singapore	7	0	0%	7	0	0%	0	0	0%
Thailand	898	0	0%	752	0	0%	1	1	100%
Vietnam	141	0	0%	42	0	0%	-	-	-
ASEAN Region	4,962	10	0.20%	3,839	3	0.08%	249	13	5.22%

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